Amendments to the Claims:

Kindly amend claims 1, 6, 21, and 23 and cancel claims 4, 8, 11, 13, 25 and 26.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended)   A television set-top terminal, comprising:

    a computer readable medium having computer program code; and

    means for executing said computer program code to implement an Application

    Programming Interface (API) wherein:

    application data which defines applications is recovered at the terminal according to

    locators associated with the applications;

    the applications are registered and installed at the terminal;

    the API enables running and subsequent stopping of the applications; and

    the API enables the retrieval of the applications as broadcast software applications; and

    the API enables pausing of the applications once they are running, and subsequent

    resuming of the applications.

2.   (Original) The terminal of claim 1, wherein:

    a user is notified of the presence of the applications after registration and installation

    thereof.

3.   (Original) The terminal of claim 1, wherein:

    said API enables the retrieval of the applications as downloadable software applications.

4.   (Canceled)

5.   (Original) The terminal of claim 1, wherein:

said API is independent of an operating system and hardware of the terminal.

6.   (Currently Amended) A television set-top terminal, comprising:

a computer readable medium having computer program code; and

means for executing said computer program code to implement an Application

Programming Interface (API) wherein:

application data which defines applications is recovered at the terminal according to

locators associated with the applications;

the applications are registered and installed at the terminal; and

the API enables particular ones of the applications to advertise their respective states to

other applications; and

the API provides an ITU-T X.731-based mechanism for monitoring and controlling the

applications, wherein said ITU-T X.731 is an international standard which defines

management states, status codes and state transitions for manageable objects.

7.   (Original) The terminal of claim 6, wherein:

a user is notified of the presence of the applications after registration and installation

thereof.

8.   (Canceled)

9.   (Original) The terminal of claim 6, wherein:

said API enables at least one of the other applications to access the advertised state of at

least one of the particular advertising applications.

10.   (Original) The terminal of claim 6, wherein:

said API enables retrieval of version information associated with the applications.

11.   (Canceled)

12.   (Original) The terminal of claim 6, wherein:

said API enables verification of the integrity of the applications.

13.   (Canceled)

14.   (Original) The terminal of claim 6, wherein:

said API enables administrative locking and unlocking of the applications.

15.   (Original) The terminal of claim 6, wherein:

said API enables particular ones of the applications to advertise respective alarm statuses

thereof to other ones of the applications.

16.   (Original) The terminal of claim 6, wherein:

said API enables particular ones of the applications to advertise respective availability

statuses thereof to other ones of the applications.

17.   (Original) The terminal of claim 6, wherein:

said API enables particular ones of the applications to advertise respective procedural

statuses thereof to other ones of the applications.

18.   (Original) The terminal of claim 6, wherein:

said API enables particular ones of the applications to advertise respective operational

states thereof to other ones of the applications.

19.   (Original) The terminal of claim 6, wherein:

said API enables particular ones of the applications to advertise respective administrative

states thereof to other ones of the applications.

20.   (Original) The terminal of claim 6, wherein:

said API enables particular ones of the applications to advertise respective usage states

thereof to other ones of the applications.

21.   (Currently Amended) A method for implementing a software architecture for a television

set-top terminal, comprising ~~the steps of~~:

providing a computer readable medium having computer program code; and

executing said computer program code to implement an Application Programming

Interface (API) to:

recover application data which defines applications at the terminal according to a locator

associated with the application data;

register and install the applications at the terminal;

enable running and subsequent stopping of the applications; ~~and~~

<u>enable the retrieval of the applications as broadcast software applications; and</u>

enable pausing of the applications once they are running, and subsequent resuming of the

applications.

22.   (Original) The method of claim 21, wherein a user is notified of the presence of the

applications after registration and installation thereof.

23.   (Currently Amended) A method for implementing a software architecture for a television

set-top terminal, comprising ~~the steps of~~:

providing a computer readable medium having computer program code; and

executing said computer program code to implement an Application Programming Interface (API) to:

recover application data which defines applications at the terminal according to a locator associated with the application data;

register and install the applications at the terminal; ~~and~~

enable particular ones of the applications to advertise their respective states to other applications; and

monitor and control the applications via a ITU-T X.731-based mechanism, wherein said ITU-T X.731 is an international standard which defines management states, status codes and state transitions for manageable objects.

24.   (Original) The method of claim 23, wherein a user is notified of the presence of the applications after registration and installation thereof.

Claims 25-26 (Canceled)